

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Appel *et al.*

Application No.: 10/716,839

Filed: November 18, 2003

For: APPARATUS AND PROCESS FOR  
CONVERTING A MIXTURE OF ORGANIC  
MATERIALS INTO HYDROCARBONS AND  
CARBON SOLIDS

Attorney Docket No: 061136-0014US

Customer No.: 43850

Confirmation No.: 7045

Examiner: Boyer, Randy

Art Unit: 1764

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**RESPONSE TO OFFICE ACTION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant submits the following amendments and remarks in response to the Office Action mailed April 4, 2007, and respectfully requests the amendments and remarks be entered in the file of the above identified application.

**Amendment of the Claims:** begins on page 2 of this paper

**Remarks:** begins on page 5 of this paper.